



**CALVERT**™  
PUBLICATIONS

**1st grade** | Placement Test

**MATH**



# MATH 100

## PLACEMENT TEST for the CALVERT CURRICULUM

### Instructions

This test is designed to aid in proper placement of the student into the Calvert curriculum. It has two sections: the Student Test and the Answer Key. The Answer Key follows the Student Test.

This is not a timed test and the student should be given an opportunity to answer each question adequately. If the student becomes bogged down and the test seems too difficult, skip to the next section. If the test is still too difficult, this child's academic skill level has been reached and testing may stop. Each test level should take no longer than one hour. Students should not use calculators for any of these tests.

Once the test has been administered, it is ready to be scored. The teacher or parent does all of the scoring. Use the Answer Key that follows the test pages to mark all incorrect answers on the Student Test. Next, record the total number of correct answers in the Score box. There are ten possible points per unit. When all tests have been graded, transfer the number correct by unit to the blanks below. Then add the total number of points for the grade level.

Unit 1	Unit 2	Unit 3	Unit 4	Unit 5	Unit 6	Unit 7	Unit 8	Unit 9	Unit 10	Total
_____	_____	_____	_____	_____	_____	_____	_____	_____	_____	_____

**GRADE LEVEL PLACEMENT:** A student can be placed academically using the rule that he/she has successfully passed the test for any given level if he/she achieves a Total Score of 70 points or more.

**FIRST GRADE TEST ADMINISTRATORS:** Test administrators may assist students in reading instructions when necessary; however, care should be taken as too much support may alter test results. First grade students may answer questions on the test pages or the right hand column. The right hand column is available for test administrators to mark whether the response was correct or incorrect.

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**Editor:**

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101

Write the missing numbers.

Score:

1. 49, \_\_\_\_\_, \_\_\_\_\_, 52      2. 84, \_\_\_\_\_, \_\_\_\_\_, 87      1. \_\_\_\_\_

3. Circle the numbers greater than 48.      4. less than 51.      2. \_\_\_\_\_

93    62    36      25    43    79      3. \_\_\_\_\_

5. Circle the short one.                  4. \_\_\_\_\_

6.      3      2      7      6      7.      7      8      5      6  
    +5    +4    +0    +2      -3    -2    -0    -3      5. \_\_\_\_\_

8. Write the numbers in order.      6. \_\_\_\_\_

14    18    2    6    15      \_\_\_\_\_    \_\_\_\_\_    \_\_\_\_\_    \_\_\_\_\_      7. \_\_\_\_\_

9. Measure. \_\_\_\_\_ inches      8. \_\_\_\_\_

10. Circle the triangle.                              9. \_\_\_\_\_

102

Score:

1.      6      5      2      3      2.      4 + 3 = \_\_\_\_\_      1. \_\_\_\_\_

+4    +5    +7    +4           1 + 9 = \_\_\_\_\_      2. \_\_\_\_\_


3.      7      8      10      9      3.      3 + 0 = \_\_\_\_\_      3. \_\_\_\_\_

-5    -3    -9    -2      5.      8 - 6 = \_\_\_\_\_      4. \_\_\_\_\_

4.      10      10      10      10      10 - 2 = \_\_\_\_\_      5. \_\_\_\_\_

+4    +0    +9    +6           9 - 3 = \_\_\_\_\_      6. \_\_\_\_\_

6. Match.      7. Circle the shape that has an inside and outside.      6. \_\_\_\_\_

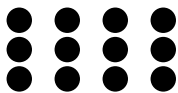
4      seven      a.       b. 

8      four

3      eight

7      three      7. \_\_\_\_\_

8. Write how many.      8. \_\_\_\_\_

      tens \_\_\_\_\_ + ones \_\_\_\_\_

9. Write what comes next.      1 2 3, 3 2 1, 1 2 3, \_\_\_\_\_      9. \_\_\_\_\_

10. Circle the fourth banana.            10. \_\_\_\_\_

**103 Circle the answer.**

Score:

1. 3 ( + , - ) 5 = 8

2. 9 - 4 ( = , ≠ ) 6

1. \_\_\_\_\_

3. Nine ( plus , minus ) four equals five.

2. \_\_\_\_\_

4. Seven minus three ( equals , is not equal to ) two.

3. \_\_\_\_\_

**Write the missing word.**

4. \_\_\_\_\_

5. Six plus three equals \_\_\_\_\_.

5. \_\_\_\_\_

6. Circle  $\frac{1}{2}$ .



7. Write the time.

\_\_\_\_\_ : \_\_\_\_\_ o'clock



6. \_\_\_\_\_

7. \_\_\_\_\_

8. How many days in a week? \_\_\_\_\_

9.     5     3     10     8  
  +5   +6   -3   -5

8. \_\_\_\_\_

9. \_\_\_\_\_

10. Write in number order.

69 68 71 67 70

10. \_\_\_\_\_

**104 Write the missing numbers.**

Score:

1. 2, \_\_\_\_\_, 6, \_\_\_\_\_, \_\_\_\_\_, 12

2. 10, \_\_\_\_\_, 30, 40, \_\_\_\_\_, \_\_\_\_\_

1. \_\_\_\_\_

3. Circle the even numbers. 1 2 3 4 5 6 7 8 9 10

2. \_\_\_\_\_

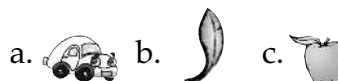
4. Write the number.  $10 + 3 =$  \_\_\_\_\_      $80 + 4 =$  \_\_\_\_\_

3. \_\_\_\_\_

5. Write the values for tens and ones.

6. Tell the order from heaviest to lightest.

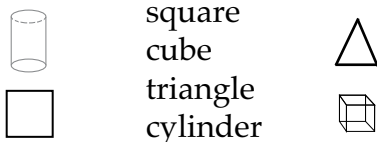
75 = \_\_\_\_\_ + \_\_\_\_\_



4. \_\_\_\_\_

5. \_\_\_\_\_

7. Match.



\_\_\_\_\_

6. \_\_\_\_\_

7. \_\_\_\_\_

8.  $57¢ =$  \_\_\_\_\_ dimes + \_\_\_\_\_ pennies

9.     8     7     2     7  
  +5   +6   +9   +8

8. \_\_\_\_\_

9. \_\_\_\_\_

10. Circle the answer.

$8 + 6 ( = , ≠ ) 14$

10. \_\_\_\_\_

105

Score:

1.  $\begin{array}{r} 6 \quad 5 \quad 1 \quad 2 \\ 3 \quad 2 \quad 4 \quad 5 \\ \hline +1 \quad +3 \quad +7 \quad +4 \end{array}$

2. Match the number to the word.

1 2 3 4 5 6

third \_\_\_\_\_ sixth \_\_\_\_\_

3. Show  $\frac{1}{2}$ .



4. Circle  $\frac{1}{4}$ .



5. Draw what comes next.



6. Write the time.

\_\_\_\_\_ : \_\_\_\_\_



7. Match.

17	fifteen
19	seventeen
15	thirteen
13	nineteen

8. Mark read 2 pages in his book on Monday, 4 pages on Tuesday, and 6 pages on Wednesday. How many pages do you think he read on Thursday? \_\_\_\_\_

9.  $23\text{¢} =$  \_\_\_\_\_ dimes + \_\_\_\_\_ pennies

10. How many in a dozen? \_\_\_\_\_

106

Score:

1.  $\begin{array}{r} 9 \quad 10 \quad 7 \quad 8 \\ -5 \quad -3 \quad -5 \quad -7 \end{array}$

2. Add and check.

_____	_____
4	3
2	5
<u>+ 6</u>	<u>+ 2</u>

Write a number sentence.

3. 7, 5, 2 \_\_\_\_\_ 4. four, six, ten \_\_\_\_\_

Write the missing numbers. Circle the answer.

5. 5, \_\_\_\_\_, 15, \_\_\_\_\_, \_\_\_\_\_, 30 6.  $19 (>, <) 24$   $72 (>, <) 69$

7.  $69\text{¢} =$  \_\_\_\_\_ dimes + \_\_\_\_\_ nickels + \_\_\_\_\_ pennies

8. Write the time.

\_\_\_\_\_ : \_\_\_\_\_



9.  $\begin{array}{r} 22 \quad 60 \quad 73 \\ +41 \quad +35 \quad +14 \end{array}$

10. Ben has 4 nickels, Corey has 2 nickels, and Jason has 5 nickels. How many nickels do they have altogether? \_\_\_\_\_

107

Score:

**Circle the numbers.**

1. **greater than 132.** 143 115 192
2. **less than 176.** 104 185 160

3. **Write AM or PM.** I go to bed at night. \_\_\_\_\_ .

4. **Write the fraction.**  \_\_\_\_\_

5. **Use both 7 and 2 to write a big \_\_\_\_ and a little \_\_\_\_ number.**

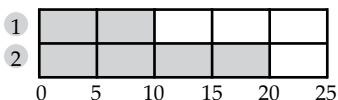
**Circle the answer.**

6.  $3 + 5$  ( > , < )  $2 + 4$       7.  $\begin{array}{r} 12 \\ - 7 \\ \hline \end{array}$   $\begin{array}{r} 11 \\ - 8 \\ \hline \end{array}$   $\begin{array}{r} 11 \\ - 3 \\ \hline \end{array}$   $\begin{array}{r} 11 \\ - 4 \\ \hline \end{array}$

8. Four plus three ( = , ≠ ) eight.

9. **Write 100's, 10's, 1's.**  $138 = \underline{\hspace{1cm}} + \underline{\hspace{1cm}} + \underline{\hspace{1cm}}$

10. **Write how many.** ① \_\_\_\_\_ ② \_\_\_\_\_



108

Score:

1.  $\begin{array}{r} 13 \\ - 5 \\ \hline \end{array}$   $\begin{array}{r} 17 \\ - 8 \\ \hline \end{array}$   $\begin{array}{r} 14 \\ - 6 \\ \hline \end{array}$   $\begin{array}{r} 16 \\ - 7 \\ \hline \end{array}$       2. **Write the time.** \_\_\_\_\_ : \_\_\_\_\_



3. **Measure.** \_\_\_\_\_ inches.

**Write the number word.**

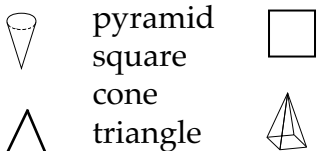
4. 56 \_\_\_\_\_

5.  $\frac{3}{4}$  \_\_\_\_\_

6. **Circle the closest 10's number to 26.** 20 26 30

7. **Write the number.**  $100 + 60 + 5 = \underline{\hspace{2cm}}$

8. **Match.**      9. **Write the missing numbers.**



153, \_\_\_\_\_, \_\_\_\_\_, 156, \_\_\_\_\_

10. **Write what comes next.** Monday, Tuesday, Wednesday, \_\_\_\_\_

109

Write the family of facts for 4, 8, 12.

Score:

1. \_\_\_\_\_ + \_\_\_\_\_ = \_\_\_\_\_      \_\_\_\_\_ + \_\_\_\_\_ = \_\_\_\_\_

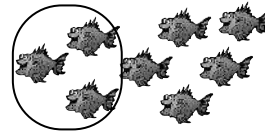
2. \_\_\_\_\_ - \_\_\_\_\_ = \_\_\_\_\_      \_\_\_\_\_ - \_\_\_\_\_ = \_\_\_\_\_

3. 
$$\begin{array}{r} 15 \\ -8 \\ \hline \end{array}$$
    
$$\begin{array}{r} 13 \\ -5 \\ \hline \end{array}$$
    
$$\begin{array}{r} 49 \\ -24 \\ \hline \end{array}$$
    
$$\begin{array}{r} 86 \\ -5 \\ \hline \end{array}$$
      4. 
$$\begin{array}{r} 5 \\ 3 \\ +6 \\ \hline \end{array}$$
      
$$\begin{array}{r} 51 \\ 22 \\ +16 \\ \hline \end{array}$$

5. Is 46 closer to 40 or 50? \_\_\_\_\_

6. 175 has a \_\_\_\_\_ in the 10's place.

7. Write the circled part of the set as a fraction. \_\_\_\_\_



8. Circle (T) for true or (F) for false.  
James has a dozen eggs. He fell and broke 15 of them. ( T , F )

9. Write what comes next. April, May, June, \_\_\_\_\_

10. Jamie has three dimes, two nickels, and four pennies.  
How much money does Jamie have? \_\_\_\_\_ cents

- 1. \_\_\_\_\_
- 2. \_\_\_\_\_
- 3. \_\_\_\_\_
- 4. \_\_\_\_\_
- 5. \_\_\_\_\_
- 6. \_\_\_\_\_
- 7. \_\_\_\_\_
- 8. \_\_\_\_\_
- 9. \_\_\_\_\_
- 10. \_\_\_\_\_

110

Score:

1. Even numbers end in \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, or \_\_\_\_\_.

2. Circle the arrow for south.

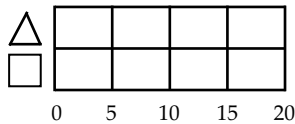
3. 
$$\begin{array}{r} 23 \\ 51 \\ +15 \\ \hline \end{array}$$
      
$$\begin{array}{r} 12 \\ 5 \\ +20 \\ \hline \end{array}$$
      4. 
$$\begin{array}{r} 16 \\ -8 \\ \hline \end{array}$$
      
$$\begin{array}{r} 79 \\ -5 \\ \hline \end{array}$$
      
$$\begin{array}{r} 68 \\ -24 \\ \hline \end{array}$$
      
$$\begin{array}{r} 93 \\ -51 \\ \hline \end{array}$$

5. Write what comes next.  
 $7 + 8 = 15$ ,     $8 + 7 = 15$ ,     $15 - 7 = 8$

Write in columns. Add or subtract.

6.  $15 + 3 =$       7.  $18 - 6 =$   
 $35 + 14 =$        $57 - 24 =$

8. Color 15 squares green.



9. Draw a set of 4 triangles.

Circle  $\frac{3}{4}$  of the set.

10. Write the missing word. Fourteen minus nine equals \_\_\_\_\_.

- 1. \_\_\_\_\_
- 2. \_\_\_\_\_
- 3. \_\_\_\_\_
- 4. \_\_\_\_\_
- 5. \_\_\_\_\_
- 6. \_\_\_\_\_
- 7. \_\_\_\_\_
- 8. \_\_\_\_\_
- 9. \_\_\_\_\_
- 10. \_\_\_\_\_



# Answer Key


101

1. 50, 51

2. 85, 86

3. 93, 62

4. 25, 43

5. 

6. 8, 6, 7, 8

7. 4, 6, 5, 3

8. 2, 6, 14, 15, 18

9. 2

10. 

102

1. 10, 10, 9, 7


2. 7, 10, 3

3. 2, 5, 1, 7

4. 14, 10, 19, 16

5. 2, 8, 6

6. four, eight  
three, seven

7. b. 

8. 1(10), 2

9. 321

10. 1 2 3 ④ 5 6

103

1. +

2. ≠

3. minus

4. is not equal to

5. nine

6. 3 bugs

7. 5:00

8. 7

9. 10, 9, 7, 3

10. 67, 68, 69, 70, 71

104

1. 4, 8, 10

2. 20, 50, 60

3. 2, 4, 6, 8, 10

4. 13, 84

5. 70, 5

6. a, c, b

7.    

8. 5, 7

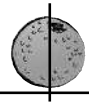
9. 13, 13, 11, 15

10. =

105

1. 10, 10, 12, 11

2. 3, 6

3. 

4. 

5. 

6. 2:30

7. seventeen, nineteen,  
fifteen, thirteen

8. 8

9. 2, 3

10. 12

106

1. 4, 7, 2, 1

2. 12, 12, 10, 10

3. 7 - 5 = 2

4. Four plus six  
equals ten

5. 10, 20, 25

6. <, >

7. 6, 1, 4

8. 10:15

9. 63, 95, 87

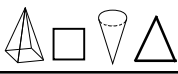
10. 11

# Answer Key

107

1. 143, 192
2. 104, 160
3. PM
4.  $\frac{2}{3}$
5. 72, 27
6. >
7. 5, 3, 8, 7
8.  $\neq$
9. 100, 30, 8
10. 10, 20


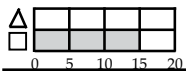

108

1. 8, 9, 8, 9
2. 3:50
3.  $2\frac{1}{2}$
4. fifty-six
5. three-fourths
6. 30
7. 165
8. 
9. 154, 155, 157
10. Thursday

109

1.  $\frac{4 + 8 = 12}{8 + 4 = 12}$
2.  $\frac{12 - 4 = 8}{12 - 8 = 4}$
3. 7, 8, 25, 81
4. 14, 89
5. 50
6. 7
7.  $\frac{3}{8}$
8. F
9. July
10. 44¢

110

1. 0, 2, 4, 6, 8
2. 
3. 89, 37
4. 8, 74, 44, 42
5.  $15 - 8 = 7$
6. 18, 49
7. 12, 33
8. 
9. 
10. five



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